PTO/SB/05 (06-03)

Approved for use through 07/31/2003. OMB 0651-0032

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	Attorney Docket No.   HUIP-			HUIP-F	P-P04-009				
		First Inventor Douglas A				A. Melton			
PATENT APPLICATION TRANSMITTAL	Title	METHOD OF INDUCING AND MAINTAINING NEURONAL CELLS					D MAINTAINING		
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Expre				V302402645US				
		<u> </u>							
APPLICATION ELEMENTS  See MPEP chapter 600 concerning utility patent application contents.			MS Patent Application  ADDRESS TO: Commissioner for Patents P.O. Box 1450						
1 Fee Transmittal Form (e.g., PTO/SB/17)	Alexandria, VA 22313-1450  CD-ROM or CD-R in duplicate, large table or								
(Submit an original, and a duplicate for fee processing) Applicant claims small entity status.		Computer Program (Appendix)  Nucleotide and/or Amino Acid Sequence Submission							
3. X Specification [Total Pages 5	<u> </u>	(if applicable, all necessary)							
(preferred arrangement set forth below)	<u>'</u> '	a Computer Readable Form (CRF)     b. Specification Sequence Listing on:							
Descriptive title of the invention     Cross Reference to Related Applications		b. 0 <sub>1</sub>	i.	1		-			
Statement Regarding Fed sponsored R & D     Reference to sequence listing, a table,	i. CD-ROM or CD-R (2 copies); or ii. X Paper c. X Statements verifying identity of above copies								
or a computer program listing appendix - Background of the Invention	ACCOMPANYING APPLICATIONS PARTS								
Brief Summary of the Invention     Brief Description of the Drawings (if filed)     Detailed Description	9.	Assignm	nent Pape	ers (cover	shee	et & document(s))			
- Claim(s) - Abstract of the Disclosure		10. 37 CFR 3.73(b) Statement Power of Attorney							
4. Drawing(s) (35 U.S.C. 113) [Total Sheets	]1	11. English Translation Document (if applicable)							
5. Oath or Declaration [Total Sheets	12. X Information Disclosure Copies of IDS Statement (IDS)/PTO-1449 Citations								
a. Newly executed (original or copy)		13. Preliminary Amendment							
b. X Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)		14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)							
DELETION OF INVENTOR(S)	15. Certified Copy of Priority Document(s)								
Signed statement attached deleting inventor(s) named in the prior application,			Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).						
see 37 CFR 1.63(d)(2) and 1.33(b).	Applicant must attach form PTO/SB/35 or its equivalent.  17. X Other: Marked-up Specification								
6. X Application Data Sheet. See 37 CFR 1.76	``` <u>\</u>	J	Substit	ute Spec	cifica	ition			
18. If a CONTINUING APPLICATION, check appropriate box,		ly the requis	ite inform	nation be	low and ir	n the	first sentence of the specification		
following the title, or in an Application Data Sheet under 37 CFI   X   Continuation   Divisional   Continuation		CIP) of pri	or applic	ation No.	•		08/835279		
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under									
Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference.  The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.									
19. CORRESPONDENCE ADDRESS									
X Customer Number:	- 2	28120			OR	c	orrespondence address below		
ROPES & GRAY LLP Matthew P. Vincent									
Address One International Place									
City Boston Sta	te	MA	MA Zip Code 02110-2624				2110-2624		
Country US Tel	ephone	(617) 95	1-700	00	F	ax	(617) 951-7050		
Name (Print/Type) Melissa S. Rones, Ph.D.	Regis	tration N	lo. (Attorn	ney/Agent	n	54,408			
Signature M	_		:	Date	November 25, 2003				

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV302402645US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

November 25, 2003 Dated:

(Mary Jane DiPalma)

PTO/SB/17 (10-03)
Approved for use through 7/31/2006. OMB 0651-0032
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FEE TRANSMITTAL	ŀ	Compl t if Known							
							Not Yet Assigned		
for FY 2004			Filing Date				November 25, 2003		
Effective 10/01/2003, Patent fees are subject to annual revision.				d inver		Douglas A. Melton			
		Exam	iner N	ame		Not Yet Assigned			
x Applicant claims small entity status. See 37 CFR 1.27	Art Unit					Not Yet Assigned			
TOTAL AMOUNT OF PAYMENT (\$) 518.00		Attorn	ey Do	cket No	<b>D</b> .	HUIP-P04-009			
METHOD OF PAYMENT (check all that apply)			FEE CALCULATION (continued)						
Check Credit Money Other None	3. ADDITIONAL FEES								
Card Order Outer									
X Deposit Account:	Large	Entity	Smal	Entity					
Deposit Account 18-1945	Fee	Fee	Fee	Fee	-	Fee Desc	ription		
Number	Code	(\$)	Code	(\$)				Fee Paid	
Deposit Account Ropes & Gray LLP	1051	130	2051	65	Surcharge -	- late filing fe	e or oath		
Name  The Director is authorized to: (check all that apply)	1052	50	2052	25	Surcharge - sheet.	- late provisio			
X Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English	specification			
X Charge any additional fee(s) or any underpayment of fee(s)	1812	2,520	1812	2,520	For filing a re	equest for ex p			
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920°	Requesting Examiner a	publication o	f SIR prior to		
to the above-identified deposit account.	1805	1,840*	1805	1,840*	Requesting	publication o	f SIR after		
FEE CALCULATION	1251	110	2251	55	Examiner as Extension for	cuon or reply within	first month	$\Box$	
1. BASIC FILING FEE	1252	420	2252	210	Extension fo	or reply within	second month		
Large Entity Small Entity	1253	950	2253	475	Extension fo	or reply within	third month		
Fee Fee Fee Fee Description Fee Paid	1254	1,480	2254	740	Extension for	or reply within	fourth month		
Code (\$)   Code (\$) 1001 770   2001 385   Utility filing fee   385.00	1255	2,010	2255	1 005					
1002 340 2002 170 Design filing fee	1401	330	2401	165		Extension for reply within fifth month Notice of Appeal			
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal				
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing			$\vdash \vdash \vdash \vdash \vdash$	
1005 160 2005 80 Provisional filling fee	1451	1,510	1451	1,510		_	lic use proceeding		
	1452	110	2452	55		evive – unave			
SUBTOTAL (1) (\$) 385.00	1453	1,330	2453	665	Petition to re	evive - uninte	ntional		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issue	fee (or reissu	ie)		
Extra Fee from Claims below Fee Paid	1502	480	2502	240	Design issu	e fee			
Total Claims 30 -20** = 10 x 9.00 = 90.00	1503	640	2503	320	Plant issue	fee			
Independent 4 -3** = 1 x 43.00 = 43.00	1460	130	1460	130	Petitions to the Commissioner				
Claims 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1807	50	1807	50	Processing	fee under 37	CFR 1.17(q)		
Large Entity Small Entity	1806	180	1806	180	Submission	of Informatio	n Disclosure Stmt		
Fee Fee Fee Fee Fee Description	8021	40	8021	40		Recording each patent assignment per			
1202 18 2202 9 Claims in excess of 20	1809	770	2809	385	Filing a sub	Filing a submission after final rejection			
1201 86 2201 43 Independent claims in excess of 3					(37 CFR 1.129(a)) For each additional invention to be				
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	examined (37CFR 1.129(b))			<u>                                     </u>	
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801	385	Request for Continued Examination (RCE)  Request for expedited examination			I	
1205 18 2205 9 ** Reissue claims in excess of 20	1802	1802 900 1802 900 Request for of a design				tarrilladori			
and over original patent	Other fee (specify)								
SUBTOTAL (2) (\$) 133.00  **or number previously paid, if greater, For Reissues, see above	*Redu	iced by E	Basic F	iling Fee	Paid	SUBTO	TAL (3) (\$)	0.00	
SUBMITTED BY						(Complete	(if applicable)\		
	(Complete (if applicable))    Registration No.								
Name (Print/Type) Melissa S. Rones, Ph.D.		ey/Agent)		,400		-	(617) 951-7653		
Signature /////////						Date	November 25, 2	2003	

I hereby certify that this corres	spondence is being deposit	ted with the U.S. F	ostal Service as	Express Mail, Airbill	No. EV3024026	345US
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date shown below.			O'			
			$\cdot \cdot \cdot \wedge \cdot$			

Dated: November 25, 2003 Signature: (Mary Jane DiPalma)